The Scottish Geographical Magazine

TITLE AND INDEX

VOLUMES 80 AND 81 1964, 1965





THE SCOTTISH GEOGRAPHICAL MAGAZINE



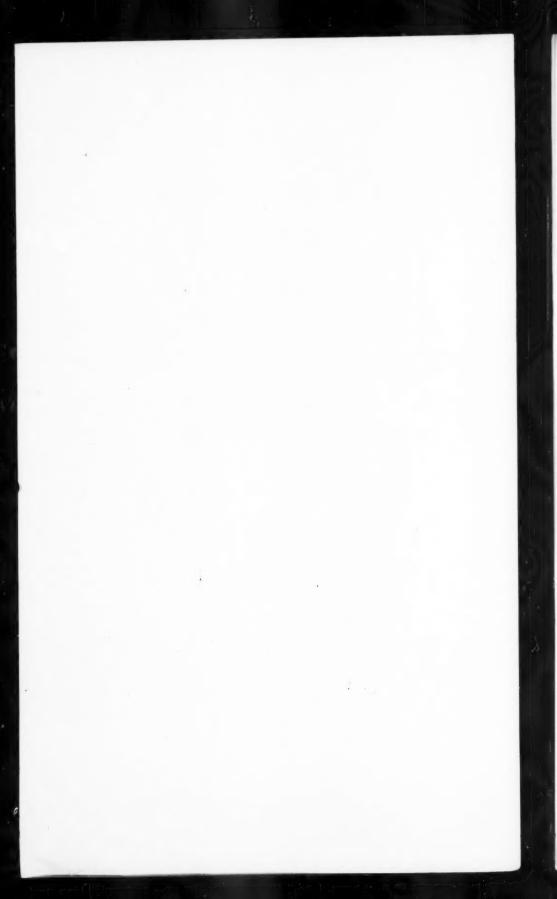
RONALD MILLER, M.A., Ph.D., F.R.S.E., F.R.S.G.S., HON. EDITOR.

CATHERINE P. SNODGRASS, M.A., Ph.D., EDITOR.

VOLUMES 80 AND 81: 1964, 1965.

THE ROYAL SCOTTISH GEOGRAPHICAL SOCIETY, EDINBURGH

PRINTED BY GEORGE OUTRAM & CO. LTD., PERTH 1966



CONTENTS

VOLUME 80: 1964

No. I-APRIL

												PAGE
Post-Glacial Sea Le	vels in	Sout	th-We	st Sc	cotland	l. By V	V. Gra	ham	Jardin	D .	*	5
Mapping Accessibili	ity. By	Jean	Forb	es		0	0	٠	•	۰	0	12
Deep Weathering Pr	ofile o	n the	Island	d of	Rhum	, Inver	ness-s	hire.	By D. F	Ba	ıll .	22
The Perth Re-advan	ce in C	Centra	al Sco	tland	d, Part	II. By	J. B.	Sisso	ons .	•	0	28
The Evolution of Canada-United								ast :	Section .	of	the .	37
Land Use and Traff Perth. By M. E					oan Ar					renc	e to	53
1963 Scottish East C	Greenla	and E	expedi	tion	By P.	W. F	. Grib	ben		0		54
A Volcanic Eruption	Sout	h of l	Icelan	d. B	y J. S.	Thom	IS					55
Reviews of Books												57
Obituaries .												21
Royal Scottish Geog	graphic	cal So	ociety:									
Proceedings Lecture Program										2.		56
							,					56
Newbigin Prize					*			χ.		*		63
Contributors to this	issue	,			*			*		٠	*	27
			No. Il	I—S	EPTE	MBER						
Preface												71
The Making of the S	Scottis	h Ru	ral La	ndsc	ape. B	y J. B	. Caire	d .				72
Wool Textile Manuf					*							81
Scottish Agriculture.												90
Scotch Whisky, By A												99
Scottish Shipbuilding	z: Its l	Rise a	and Pr	ogre	ess. By	R. H.	Cami	obell				107
New Industries and				-								
									. D			114
The Geography of So	cotlan	d: a 5	Selecte	ed B	ibliogr	aphy.	By J.	B. C	aird and	d D.	R.	
Diamond .			*			*				*	*	124
Reviews of Books	,								,	*		127
Contributors to this	54122											130

SCOTTISH GEOGRAPHICAL MAGAZINE

No. III-DECEMBER

											PA
Walls: an Insular Croftin	ng Par	ish. E	v J. F	R. Con	111						1
Scottish Clachans II: Lix											1
Scottish Migration Overs											1
The Atlas of Britain—a											1
Reviews of Books .										,	1
International Cartograph									Toch	nical	•
	ic Asso		on: Se		Gene.	au As		iy anu	i cciii	incai	1
Royal Scottish Geograph											
Report of Council											1
Proceedings .		*									1
Annual Business Me Revenue and Expend	eting		4								2
Revenue and Expend Cartographic Section	liture	Acco	unt							*	20
Travellers Section, G	lasgov	ion 1	903-0	+							1
Contributors to this issue									•		10
									•	*	
Geography Appointments										*	14
The University of Strathc	lyde			*		*	*				1
The Complicity of Climate		e 181	6 Dep		n in I						
Locational Problems of the By Kenneth Warren							-	ce 176			1
Council of Europe. By W.	Gord	lon E	ast								3
Historical Geography and											3
The Distribution of Mark											4
Marine Cartography in Br	itain:	a Re	view	By D	Alan	Steve	enson				5
				25, 25.	2 44004	. 5.01	J11001				
Royal Scottish Geographic Proceedings		ciety:				,					6
Lecture Programme											6
Reviews of Books .											6
Contributors to this issue											7
Contributors to this issue					٠	•	*		,		
	r	lo. II	-SE	PTEM	BER						
Editorials Consensus and											
Editorial: Geography and	the Ch	nangi	ng Sco	ottish	Scene	,				,	75

CONTENTS

vii

162

									PAGE
Locational Problems of the Scottis By Kenneth Warren	h Iron	and S	Steel In	dustr	y sinc	e 1760), Par	t II.	87
The Shannon Free Airport Scheme:							elopm	ent.	
								0	104
Some Pre-carse Valleys in the For Cullingford and D. E. Smith			Basins.				ns, R	. A.	115
James Hossack: an Appreciation. I	By D.	A. All	an .						125
Obituary-Professor W. E. Boerma	ın .								126
The Vegetation of Scotland: a Rev	iew. By	y Joy	Tivy						127
Reviews of Maps and Books .				,					129
Contributors to this issue									140
No	. ш—	DECE	EMBER	2					
Editorial: A. J. Herbertson, 1865-1	915							9	143
The Novelist and his Region: Scott J. H. Paterson			the ey				Scott .	. By	146
The Salt Industry of the Forth Bas									153
Resettlement and Land Use Plann	-				ipang	ali Sel	heme.	By	
George Kay	-								163
Antarctic Survey. By D. M. Finlay	son								178
New Light on James Weddell, Mast	er of th	e Brig	Jane o	f Leit	h. By	A. G.	E. Jo	nes	182
Geography at the British Association	on .								188
New Chairs of Geography in Scotla	and								193
Other Geography Appointments in	Scottis	sh Un	iversiti	es				,	193
Modern Geography: Its Developme	ent, Na	ture a	nd Val	ue. A	Revi	ew			194
Reviews									195
Royal Scottish Geographical Societ									
World Tour									190
Report on Cartographic Section			*	*	*		*		192
Report of Council			*		*		*	*	204
Revenue and Expenditure Accordance Annual General Meeting			*	*					207
Medal Awards		۰		•			٠		207
Lecture Programme									207
									162

Contributors to this issue



INDEX

VOLUMES 80 AND 81; 1964, 1965

Number of Volume is in deeper type.

Adams, Ian H.: The Sait Industry of the Forth Basin, 81, 153.

Agriculture, Scottish, by A. R. Wannop,

Ahmad, Kazi S.: Fellowship, 80, 200. Allan, llan, D. A.: James Appreciation, 81, 125. Hossack: an

Antarctic Survey, by D. M. Finlayson, 81, 178, Appleton, J. H.: Historical Geography

and the Beeching Report, 81, 38.

Atlas of Britain, The, a Review: by Arthur H. Robinson, 80, 177.

Ball, D. F.: Deep Weathering Profile on the Island of Rhum, Inverness-shire, 80, 22.

80, 22.
Baranov, A. N.: Fellowship, 80, 200.
Beeching Report, Historical Geography and the, by J. H. Appleton, 81, 38.
Bickmore, David P.: Fellowship, 80, 200.
Boerman, W. E.: Obituary, 81, 126.
Boesch, Hans: Fellowship, 80, 200.

Bremner, J. Allan: Fellowship, 80, 200. British Association 1965, Geography at the, 81, 188.

Brommer, Stephane de: Fellowship, 80, 200.

Caird, J. B.: The Making of the Scottish

Rural Landscape, 80, 72.

Caird, J. B. and Diamond, D. R.: The Geography of Scotland: a Select Bibliography, 80, 124.

Campbell, R. H.: Scottish Shipbuilding:

its Rise and Progress, 80, 107

Central Scotland, The Perth Re-advance in, Part II. by J. B. Sissons, 80, 28. Chairs of Geography in Scotland, New,

81, 193. Complicity omplicity of Climate in the 1816 Depression in Dumfriesshire, The, by

J. David Wood, 81, 5. Coull, J. R.: Walls: an Insular Crofting Parish, 80, 135.

Council of Europe, by W. Gordon East, 81, 37,

Cullingford, R. A.: - see under Sissons, J. B.

Deep Weathering Profile on the Island of Rhum, Inverness-shire, by D. F. Ball, 80, 22.

Diamond, D. R. and Caird, J. B.: The Geography of Scotland: a Select Bibliography, 80, 124.

Distribution of Markets in Yorubalane, The, by B. W. Hodder, 81, 48.

Dumfriesshire, The Complicity of Climate in the 1816 Depression in, by J. David Wood, 81, 5.

Norman: Mungo Park Dyhrenfurth, Medal, 80, 200.

East, W. Gordon: Council of Europe, 81, 37.

Edinburgh Soil Discussion Group, 81,

Evolution of a Border Region, The: The Pacific Coast Section of the Canada-United States Boundary, by Julian V. Minghi, 80, 37.

Fairhurst, Horace, and Petrie, Gordon: Scottish Clachans II.: Lix and Rosal, 80, 150.

Finlayson, D. M.: Antarctic Survey, 81,

Forbes, Jean: Mapping Accessibility, 80, 12

Forth and Tay Basins, Some Pre-carse Valleys in, by J. B. Sissons, R. A. Cullingford and D. E. Smith, 81, 115. Forth Basin, The Salt Industry of the, by Ian H. Adams, 81, 153.

Gaussen, Henri: Fellowship, 80, 200. Geography and the Changing Scottish Scene: Editorial, 81, 75.

Geography Appointments in Scottish Universities, 80, 149; 81, 193. Geography at the British Association,

81, 188. Geography of Scotland, The: a Select Bibliography, by J. B. Caird and D. R.

Diamond, 80, 124. Gerasimov, I. P.: Fellowship, 80, 200. Gigas, Erwin: Fellowship, 80, 200. Gribben, P. W. F.: Scottish East Greenland Expedition, 1963, 80, 54.

Hawaii-The Fiftieth State, by Sir L. Dudley Stamp, 81, 78.

Herbertson, A. J.: 1865-1915, 81, 143. Historical Geography and the Beeching Report, by J. H. Appleton, 81, 38. Hitchcock, Charles B.: Fellowship, 80,

200. Hodder, B. W.: The Distribution of Markets in Yorubaland, 81, 48.

Hossack, James: an Appreciation, by D. A. Allan, 81, 125.

Hurst, M. Eliot: Land Use and Traffic Generation in Urban Areas, particular reference to Perth, 80, 53.

Iceland, A Volcanic Eruption South of, by J. S. Thoms, 80, 55. nhof, Professor Eduard: Livingstone Imhof,

Medal, 80, 199.

International Cartographic Association, 80, 196.

Island of Rhum, Inverness-shire, Deep Weathering Profile on the, by D. F. Ball, 80, 22.

Jardine, W. Graham: Post-Glacial Sea Levels in South-West Scotland, 80, 5.

Jones, A. G. E.: New Light on James Weddell, Master of the Brig Jane of Leith, 81, 182.

Kay, George: Resettlement and Land Use

Planning in Zambia: The Chipangali Scheme, 81, 163. Kenneth, John H.: Obituary, 80, 21.

Kiuchi, S.: Fellowship, 80, 200.

Land Use and Traffic Generation in Urban Areas, with particular reference to Perth, by M. Eliot Hurst, 80, 53. Lectures: see Royal Scottish Geographical

Society.

Locational Problems of the Scottish Iron and Steel Industry since 1760, Part I, by Kenneth Warren, 81, 18. Part II, 81, 87.

MacPherson, A.: Scotch Whisky, 80, 99. Making of the Scottish Rural Landscape, The, by J. B. Caird, 80, 72. Mapping Accessibility, by Jean Forbes,

80, 12

Marine Cartography in Britain: a Review, by D. Alan Stevenson, 81, 59.

Medal Awards: 80, 199, 200; 81, 207.
Minghi, Julian V.: The Evolution of a
Border Region: The Pacific Coast
Section of the Canada-United States Boundary, 80, 37.

Modern Geography: Its Development, Nature and Value: a Review, 81, 194. Murphy, Raymond E.: Fellowship, 80, 200.

New Industries and New Towns in Scotland's Industrial Growth, by C. J. Robertson, 80, 114.

New Light on James Weddell, by A. G. E. Jones, 81, 182.

Novelist and his Region, The: Scotland through the eyes of Sir Walter Scott, by J. H. Paterson, 81, 146.

Obituary: see Royal Scottish Geographical Society.

Pacific Coast Section of the Canada-United States Boundary, The: The Evolution of a Border Region, by Julian V. Minghi, 80, 37.
Paterson, J. H.: The Novelist and his

Region: Scotland through the eyes of

Sir Walter Scott, 81, 146.

Perth Re-advance in Central Scotland,
Part II, The, by J. B. Sissons, 80, 28.

Petrie, Gordon and Fairhurst, Horace:

Scottish Clachans II: Lix and Rosal, 80, 150.

Post-Glacial Sea Levels in South-West Scotland, by W. Graham Jardine, 80,

Pre-carse Valleys in the Forth and Tay Basins, Some, by J. B. Sissons, R. A. Cullingford and D. E. Smith, 81, 115.

Resettlement and Land Use Planning in Zambia: the Chipangali Scheme, by George Kay, **81**, 163.

Reviews, **80**, 57, 127, 180; **81**, 61, 129,

Robertson, C. J.: New Industries and New Towns in Scotland's Industrial Growth, 80, 114.

Robinson, obinson, Arthur H.: The Atlas of Britain—a Review, 80, 177.

Royal Scottish Geographical Society-Accounts, 80, 201; 81, 206. Annual Business Meetings, 80, 200; 81, 207.

Annual Report, 80, 198; 81, 204. Cartographic Section, 80, 202; 81, 192. Council, 80, 200; 81, 207. Fellowship Awards, 80, 200

Lectures, 80, 56; 80, 200; 81, 60; 81,

Livingstone Medal, 80, 199. Membership, 80, 198; 81, 204. Obituary: John H. Kenneth, 80, 21;

James Hossack, 81, 125.
Proceedings, 80, 56; 80, 199; 81, 60.
Research Medal, 80, 199; 81, 207.
Scottish Geographical Medal, 80, 199. Scottish Universities Medals, 80, 200; 81, 207.

Travellers Section, 80, 163. World Tour, 81, 190.

Salt Industry of the Forth Basin, The, by Ian H. Adams, 81, 153. Scotch Whisky, by A. MacPherson, 80,

Scotland, South-West, Post Glacial Sea

Levels in, by W. Graham Jardine, 80, 5. Scotland, The Geography of: a Select Bibliography, by J. B. Caird and D. R. Diamond, 80, 124.
Scotland, The Vegetation of, by J. H.

Burnett: a Review by Joy Tivy, 81, 127 Scotland through the eyes of Sir Walter Scott: The Novelist and his Region, by J. H. Paterson, 81, 146.

Scotland's Industrial Growth, New Industries and New Towns in, by C. J. Robertson, 80, 114.

Scottish Agriculture, by A. R. Wannop, 80, 90

Scottish Clachans II; Lix and Rosal, by Horace Fairhurst and Gordon Petrie, 80, 150.

Scottish East Greenland Expedition, 1963, by P. W. F. Gribben, 80, 54.

Scottish Iron and Steel Industry since 1760, Part I, Locational Problems of the, by Kenneth Warren, 81, 18; Part

II, 81, 87. Scottish Rural Landscape, The Making of the, by J. B. Caird, 80, 72. Scottish Migration Overseas, by J. David

Wood, 80, 164.

Scottish Shipbuilding: its Rise Progress, by R. H. Campbell, 80, 107. Scottish Universities, Geography Appointments in, 80, 149; 81, 193.

New Chairs of Geography, 81,

Sea Levels in South-West Scotland,

Post-Glacial, by W. Graham Jardine,

Shannon Free Airport Scheme, The: a New Approach to Industrial Development, by J. A. Soulsby, 81, 104. hipbuilding, Scottish: its Rise

Shipbuilding, Progress, by R. H. Campbell, 80, 107.
Sissons, J. B.: The Perth Re-advance in
Central Scotland, Part II, 80, 28.
Sissons, J. B., R. A. Cullingford, and
D. E. Smith: Some Pre-carse Valleys

in the Forth and Tay Basins, 81, 115. Skelton, R. A.: Research Medal, 81, 207. Smailes, Professor A. E.: Research Medal,

80, 199 Smith, D. E.: see under Sissons, J. B. Soulsby, J. A.: The Shannon Free Airport Scheme: a New Approach to Industrial Development, 81, 104.

Stamp, Professor Sir L. Dudley: Scottish Geographical Medal, 80, 199.

Stamp, Professor Sir L. Dudley: Hawaii: the Fiftieth State, 81, 78.

Stevenson, D. Alan: Marine Cartography in Britain: a Review, 81, 59. Strathclyde, The University of, 80, 149.

Thoms, J. S.: A Volcanic Eruption South of Iceland, 80, 55. Tivy, Joy: The Vegetation of Scotland: a

Review, 81, 127.

Traffic Generation, Land Use and, in Urban Areas, with particular reference to Perth, by M. Eliot Hurst, 80, 53. Troll, Carl: Fellowship, 80, 200.

Turner, W. H. K.: Wool Textile Manufacture in Scotland, 80, 81.

University of Strathclyde, The, 80, 149.

Vegetation of Scotland, The: a Review, by Joy Tivy, 81, 127. Volcanic Eruption South of Iceland, A,

by J. S. Thoms, 80, 55.

Walls: an Insular Crofting Parish, by J. R. Coull, 80, 135.

Wannop, A. R.: Scottish Agriculture, 80,

Warren, Kenneth: Locational Problems of the Scottish Iron and Steel Industry since 1760, Part I, 81, 18; Part II, 81, 87

eddell, James, New A. G. E. Jones, 81, 182. Weddell, New Light on, by

Whisky, Scotch, by A. MacPherson, 80,

Wood, J. David: Scottish Migration

Overseas, 80, 164. Wood, J. David: The Complicity of Climate in the 1816 Depression in Dumfriesshire, 81, 5.

Wool Textile Manufacture in Scotland, by W. H. K. Turner, 80, 81.

Yorubaland, The Distribution of the Markets in, by B. W. Hodder, 81, 48.

Zambia. Resettlement and Land Use Planning in: the Chipangali Scheme, by George Kay, 81, 163.

REVIEW OF BOOKS

Africa, by D. A. Sherriff, 80, 185.

Agricultural Land Use in the Hunter Valley, by T. M. Burley, 80, 185. Agriculture in Wales during the

griculture in Wales during the Napoleonic Wars, by D. Thomas, 80,

Antarctica, by A. S. Helm and J. H. Miller, 81, 196.

Approach to the Rapid Description and Mapping of Biological Habitats, An, by M. E. D. Poore and V. C. Robertson, 81, 137.

Atlas der Deutschen Agrarlandschaft, ed. by E. Otremba, 80, 60. Atlas of Britain, The, 80, 177

Atlas of Central Europe, by W. Bormann, 80, 193.

Australia's Open North, by J. Macdonald Holmes, 80, 58.

Background to Geography, by G. R. Crone, 81, 194.

Bibliography of British Geomorphology, A, ed. by K. M. Clayton, 81, 198. Britain and Beyond, by R. W. Morris, 81,

Canada in the American Community, by

N. L. Nicholson, 81, 64. Carta della Utilizzazione del Suolo d'Italia, 80, 193.

Ceylon: A Divided Nation, by B. H. Farmer, 80, 59. Changing Concept of the Universe, The,

ed. by Aligarh Muslim University, 81, 140

Changing Map of Africa, The, by R. D. Hodgson and E. A. Storeman, 81, 63. City and the Region, The, by R. Grieve

and D. J. Robertson, 81, 202. Climatic Factors and Agricultural Productivity, ed. by J. A. Taylor, 80,

Coastline of England and Wales, The, by J. A. Steers, 81, 203.

Colliery Surveying, by R. McAdam, 81, 71.

Colour Guide to Clouds, A, Scorer and H. Wexler, 81, 198.

Contemporary Problems of Land Owner-ship, by D. R. Denman et al, 81, 139. Contour Road Book of Scotland, The, by H. R. G. Inglis, 80, 127.

Descriptive Physical Oceanography, by G. L. Pickard, 81, 137.

Development Plan for Scotland, A, by G. McRobbie, 80, 127.

Earth and You, The, by N. J. G. Pounds,

81, 70. Earth Beneath Us, The: The Fascinating Story of Geology, by K. F. Mather,

Earth in Orbit, by P. Thornhill, 81, 71: Ecology of Malnutrition in Five Countries of Eastern and Central Europe, The,

by J. M. May, 81, 139. Economic Geography of Oil, An, by P. R. Odell, 80, 190.

Economic Pattern of Modern Germany, The, by N. J. G. Pounds, 80, 58. Edinburgh, by George Scott-Moncrieff,

81, 203. Electronic Surveying and Mapping, by S. Laurila, 81, 140.

Elementary Air Survey, by W. K. Kilford,

Elementary Photogrammetry, by D. R. Crone, 80, 194. Experimental Cartography, ed. by M. A.

Shaw, 81, 64. Europe and the Soviet Union, by J.

Branigan, 81, 202. urope: A Regional Geography, by Europe: M. R. Shackleton, 81, 203.

Face of North America, by P. Farb. 81, 64. Fastness of France, by B. Morgan, 81,

Fluvial Processes in Geomorphology, by L. B. Leopold, M. G. Wolman, and J. P. Miller, 81, 136.

Fortified House in Scotland, The, by N. Tranter, Vol. 2. 80, 130; Vol. 3. 81,

Fundamentals of Economic Geography, by William Van Royen and Nels A. Bengston, 81, 203.

General Oceanography, by G. Dietrich, 80, 186.

Geographers and the Tropics: Liverpool Essays, ed. by R. W. Steel and R. M. Prothero, 81, 68.

Geographical Digest 1963, by H. Fullard, 80, 65

Geography-A First Year G.C.E. Course,

by C. B. Gyford, 81, 202. Geography and Politics in a Divided World, by Saul B. Cohen, 81, 200. Now and Then, by W. Geography Warntz, 81, 140.

Geography of Energy, The, by G. Manners, 81, 66.

Geography of Pakistan, A, by Kazi S. Ahmad, 81, 195.

Geography of Spain and Portugal, A, by R. Way, 80, 183. Geography of Subsaharan Africa, A, by

H. J. de Blij, 81, 135.

Geography of the U.S.S.R., by P. E. Lydolph, 81, 134.

Geography of World Economy, A, by H.

Boesch, 81, 66. Geology of Africa, The, by R. Furon, 80,

Geology for Geographers, by R. K.

Gresswell, 80, 186. Greater London, ed. by J. T. Coppock and

H. C. Prince, 81, 133. Greek Islands, The, by E. Bradford, 80, 182.

Groundwork of Physical Geography, A, by N. Jackson and P. Penn, 81, 71.

Heidelberg und die Rhein-Neckar Lande,

by G. Pfeifer et al, 81, 203. Highlands and Islands of Scotland, The, by A. C. O'Dell and K. Walton, 80, 129.

High Latitude, by J. K. Davis, 80, 65. Historischer — Geographisches werk: Indien (Atlas), 81, 130.

History of Geography, The, by J. N. L. Baker, 80, 65.

Homme sur la Terre, L', by M. Sorre, 80, 189.

Iles Brittaniques, Les, by J. Beaujeu-Garnier and A. Guilcher, 80, 57. Industrialisation and Under-Developed Countries, by A. B. Mountjoy, 80, 189. Industries of the World, by R. W. Morris,

81, 201. Information U.S.S.R., ed. by R. Maxwell,

80, 183. Intermediate Commercial Geography, An, by L. Dudley Stamp, 81, 203.

Interpretation of Aerial Photographs, by T. E. Avery, 80, 62. Inverewe, by May Cowan, 81, 203.

Isle of Man, The: A Study in Economic Geography, by J. W. Birch, 81, 62.

Janus in the Doorway, by Douglas Guthrie, 81, 67.

Land Use in Faydabad Area, by N. Ahmad and F. Karun Khan, 81, 196. Land Use in Northern Ireland, ed. by L.

Symons, 80, 182. Land Use Research in the Hunter Valley, by T. M. Burley, 80, 185,

Land Utilisation in Eastern Uttar Pradesh, by M. Shafi, 80, 59.

Local Geography—Geographical Survey in Rural Areas, by J. Haddon, 81, 201. Londonderry and Lough Swilly Railway, The, by E. M. Patterson, 81, 62.

Major Seaports of the United Kingdom, The, by J. Bird, 80, 180.

Man and the Land: A Cultural Geo-

graphy, by G. F. Carter, 81, 138.

Map of Hadrian's Wall (O.S.), 81, 129. Maps and Diagrams, by F. J. Monkhouse and H. R. Wilkinson, 80, 194.

Maps of Europe: Maps of Africa (slides): notes by E. M. J. Campbell, 81, 72. Maps of the 16th to 19th Centuries in the

University of Kansas Libraries, by T. R. Smith and B. L. Thomas, 80, 60. arine Cartography in Britain, by A. H. W. Robinson, 81, 59.

Minerals, Rocks and Gemstones, by R. Börner, 80, 187.

New Comparative Atlas, The, by John Bartholomew & Son Ltd., 80, 66. New Soviet Heartland, A, by D. J. M.

Hooson, 81, 134. North-East of Scotland, The, ed. by A. C. O'Dell and J. Mackintosh, 80, 57. Nouvelle ville du Havre, La, Reconstruc-

tion et Repopulation, by J.-Ph. Damais, 80, 183.

Oceanography for Ge C. A. M. King, 80, 186 Geographers,

Offshore Geography of Northwestern Europe, by L. M. Alexander, 80, 190. On Ski in the Cairngorms, by V. A. Firsoff, 81, 203.

Pakistan: Birth and Growth of a Nation, by R. V. Weekes, 81, 195. Paris, by V. Cronin, 80, 182. Physical Geography of Beaches and Coastlines, The, by R. K. Gresswell,

80, 188. Physical Geography of Rivers and Valleys,

The, by R. K. Gresswell, 80, 188. Polar World, The, by P. D. Baird, 81, 135.

Political Geography, by N. J. G. Pounds, 80, 191.

Principles of Physical Geology, by Arthur Holmes, 81, 197.

Recent Economic Growth in North-East England-The Role of four national growth industries, by J. W. House, 81, 195.

Recent Research on Irish Rural Settle-ment, by R. H. Buchanan, 80, 181. Records of the African Association 1783-

1831, ed. by R. Hallett, 81, 135. Red Peak, by C. G. M. Slesser, 81, 134. Resorts of Western Europe, The, (map),

81, 129.

Revealing the World, by H. Robinson and F. S. Hudson, 81, 70.

Scandinavian Lands, by R. Millward, 81, 133.

Scotland's Eastern Coast, by L. Scott-Moncrieff, 80, 129.

Scottish Peaks, The, by W. A. Poucher, 81, 203.

Scritti Geographici in Onore de Carmelo Colamonico, ed. by E. Migliorini, 80, 195.

Sea, The: Ideas and Observations on Progress in the Study of Seas, by M. N. Hill, 80, 185.

Short Guide to Geo-Botanical Surveying,

by S. V. Viktorov, Ye. A. Vostakova, and D. D. Vyshivkin, 81, 138.

Soils Round Aberdeen, Inverurie and Fraserburgh, The, by R. Glentworth

and J. W. Muir, 81, 61. Some Aspects of Agricultural Activity in the Hunter Valley by T. M. Burley, 80,

Some Aspects of Medical Geography, by L. D. Stamp, 81, 68.

Source Book for Geography Teaching, by Benoit Brouillette et al, 81, 201. South-East Asia (map by Bartholomew),

81, 130.

South of France, The, by A. Lyall, 80, 182.

Zealand: South from New Introduction to Antarctica, by L. B. Quartermain, 81, 197.

South Wales in the Sixties, ed. by G. Manners, 81, 195. Soviet Union, The, by W. G. East, 80,

184.

Springburn Story, The, by J. Thomas, 81,

Statistical Mapping and the Presentation of Statistics, by G. C. Dickinson, 80,

Stratigraphic History of Africa South of the Sahara, by S. H. Haughton, 80,

Supplement to a Selection of Some 900 British and Irish Mountain Tops, The, by W. M. Docharty, 80, 181. Surveys for Town and Country Planning,

by N. J. Jackson, 80, 192.

Thomson Glacier Region: Maps, 80, 61. Tourist Map of the Cairngorms (O.S.), 81, 129.

Traffic in Towns, 80, 192 Traité de Géographie Urbaine, by J. Beaujeu-Garnier and G. Chabot, 80,

Transportation and Politics, by R. I. Wolfe, 81, 67.

Travels to Discover the Source of the Nile, by James Bruce, 81, 63.

Urban Pattern of the Hunter Valley, The, by H. W. H. King, 80, 185.

Vegetation of Scotland, The, ed. by J. H. Burnett, 81, 127. Volcanoes in History, in Theory,

Eruption, by F. M. Bullard, 81, 136.

Weather in Home Fleet Waters (H.M.S.O.), 81, 199. Welthandbuch, by S. Rado, 80, 189.

World Geography and You, by S. Holt and J. F. Hart, 81, 200. World of Ice, The, by J. L. Dyson, 80,

World Shipping, by Gunnar Alexandersson and Goran Norström, 81, 199.

ILLUSTRATIONS

SCOTLAND				GENERAL
F.	ACI	NG F	AGE	FACING PAGE
			99	Armagh, 80, 16
Culross and Torryburn, .		81,		Belfast, 80, 16, 17
East Lix,		80,	98	Chipangali, 81, 172, 173
Forth Rail and Road Briges,	0	81,	33	Hawaii: Lava Fountain, 81, 104
Gartcosh Steel Works, . Gartsherrie—Blast Furnaces,	0	81, 81,	33 32	Prof. A. J. Herbertson, 81, 157 Honolulu: Waikiki Beach, 81, 105
Loch Leven,	0	80,	99	Lurgan, 80, 17
Oban,		80,	98	Shannon Airport, 81, 104, 105
Ravenscraig Steel Works, Rosal,		81, 80,		Capt. James Weddell, 81, 157

LECTURES

LECTURER	SUBJECT				
Akester, A. R.	Roman North Africa .				80, 56
	Tibesti-Land of the Tebou .				80, 56
Allan, Douglas A.	The Windward Isles—Eastern Ca			200;	81, 60
Attenborough, David	Madagascar: its people and anima	als			80, 200
Balderston, Robert	Letter Design for Reproduction				80, 56
Balneaves, Miss Elizabeth	The Hidden Valleys of North Pak	istan		,	80, 56
Bartholomew, John C.	A Visit to the Holy Land .		81,	60;	81, 208
Bonington, C. J. S.	The South Patagonia Survey Expe	dition			80, 56
Boyle, A. R.	Automation in Cartography				81, 60
Brown, Angus H.	African Safari	*			81, 60
Brown, Charles E.	The Use of Maps in Schools.				80, 56
Brown, Norman G.	Austrian Tirol and Bavarian Alps			,	80, 56
	Costa Brava and Majorca .				80, 56
	The Charm of the Channel Island	s	80,	200	81, 60
Brown, T. N. L.	Through the Mountains of Savoy	and D	Dauph	iny	80, 56
Busk, Sir Douglas	Travels in Ethiopia				81, 60
Clark, Victor	48,000 Miles under Sail .				80, 56
Crawford, H. G. W.	Cyprus				80, 200
	New Mapping of Scotland .				81, 207
Diamond, Derek R.	Urban Mapping		,		81, 60
Dinwiddie, James M.	North Borneo: its People and Pla	ices			81,60
Gaskell, T. F.	The North Sea Search for Oil			. 8	81, 207-8
Hedge, Ian C.	A Botanist in Afghanistan .				81,60
Honeyman, T. J.	The Australian Scene		,		81,60
Hossack, James	African Journey				80, 200
Hudson, Richard	Edinburgh University 1963 E Madagascar	xpedit	ion .	to	81, 60
Jones, Sydney H.	Islands in the Sun				80, 56
Keates, J. S.	Recent Developments in Cartogra	aphy			80, 200
	Tint and Tone in Map Reproduc	tion			81, 207
Keenan, J.	Travels in Burma				80, 200
Kenyon, Ley	Hong Kong Today				81, 207

Lecturer	SUBJECT
Kirby, R. P.; Knipe, J. E.; Bartholomew, J. C.	The Atlases of Great Britain and Northern Ireland 81, 60
Kirby, R. P.	Land Use: Air-photo Interpretation and the Photo-map 81, 60
Lamont, Mrs. A. F. C.	Academic Spotlight on Uganda, Kenya and Ethiopia 81, 203
McGavin, Mr. and Mrs.	Journeys in Japan and India 80, 200
Magnusson, Sigursteinn	Iceland—the Country and the People 81, 207
Mair, George B.	From Iran to Kashmir 80, 200; 81, 60
Marshall, Miss Dorothy N.	Aspects of Ethiopia 81, 207
Moir, D. G.	From Moscow to Bokhara and Samarkand 80, 200; 81, 60; 81, 203
Parry, Miss Elizabeth	The 1963 Taurus Expedition 81, 60
Price, R. J.	Glacier Bay National Monument 81, 207-8
Robinson, A. H.	Research in Thematic Cartography 80, 200
Shipton, Eric E.	Explorations in Patagonia
Simpson, Hugh	British Guiana Physiological Expedition . 80, 56
Slesser, C. G. M.	The Scottish Andean Expedition 1964 80, 200
Smith, Alexander H.	Tunisia: Ancient and Modern 81, 203
Stainton, I. A.	Travels in Western Nepal 81, 60
Stamp, Sir L. Dudley	The Fiftieth State—Hawaii 89, 200
Stevens, Sir Roger	Posted in Persia 80, 56
Stewart, J. Massey	China Today 81, 203
Thomson, J. D.	The Production of Atlases for Overseas Markets 80, 56
Tivy, Joy	Aspects of American Land Use 81, 207-3
Wagg, Derek R.	Iberian Regionalism 80, 56
Waterston, C. D.	Carving the Scottish Landscape 80, 55
Wheeler, Lady Margaret	The Land of the Southern Cross . 80, 56; 81, 60
Young, Roger W.	Some Impressions of America 81, 60
Watson, Mrs. Wreford	The Use of Maps in Schools 80, 53

